Could Pfizer Vaccine Weaken Kids' Immunity?

Researchers in Australia testing for signs that vaccination against COVID-19 might protect children from developing severe symptoms, the most common of which is pneumonia, inflicted unintentional damage to the immune systems of young participants in a study in Frontiers in Immunology.

By Angela DePalma, Ph.D.

Mice a day, mice a lot. Subscribe to The Defender's Top News of the Day. **It's free.**

Children in Australia who took the Pfizer-BioNTech COVID-19 vaccine experienced significant drops in levels of immune proteins, or cytokines, according to a study appearing in Frontiers in Immunology.

Does that mean these children developed vaccine-acquired immune deficiency, or VAIDS? Alas, the answer remains elusive, as more research is needed.

Not necessarily.

Dozens of cytokines fight participate in immunity, and many promote wheezing or inflammation. To our knowledge, the CDC's guidelines for vaccinating children haven't used to measure immune function was not validated to diagnose either immune deficiency or inflammation. It provides hints on trade-offs to be made.

But then finding, that cytokine responses associated with fighting non-COVID-19 infections decreased, suggested the opposite.

Led by co-corresponding author Andrés Noel of the Murdoch Children's Research Institute in Parkville, Victoria, Australia, researchers looked for evidence that the COVID-19 vaccine compromised the ability of children might prevent not just COVID-19, but other infections.

This phenomenon, known as **heterologous or "off-target effects"** was named for the smallest vaccinated animal in the menagerie of immunology: the mouse.

Challenges were grouped according to bacterial, viral or COVID-19-related.

The researchers looked for 27 cytokines belonging to one of three groups: inflammatory, regulatory or mixed, and Th1, Th2 or Th17.

Inflammatory cytokines promote body heat/fever and disease-causing inflammation. Regulatory cytokines help to limit the inflammatory response during illness while helping to attack and remove infectious microbes.

Th1, Th2 and Th17 cytokines are produced by different types of immune cells. Th1 cytokines help fight viruses and bacteria that live inside cells. Th2 cytokines help fight worms and allergens. Th17 cytokines help fight bacteria and fungi that live outside cells.

Plain cell culture medium and medium from unvaccinated cells served as controls.

They used a whole-blood stimulation assay to measure cytokine responses to stimulation. This technique is commonly used to measure immune function in humans, including in studies to attack and remove infectious microbes.

The researchers collected blood samples at their enrollment but instead measured levels of cytokines in the samples after stimulation with a variety of challenges.

According to the authors, their study was the first to examine this specific effect in children.

RFK Jr.: Howdee! NOW book: Vax Unvax. Order Now!

How the study was conducted

Researchers initially enrolled 47 children, ages 5-11 (median age 8), between Jan. 25 and Feb. 1, 2022. Of the 47 deemed eligible for the study, 39 children previously infected with COVID-19 were excluded, leaving 29 subjects.

Eleven children received two doses of the Pfizer-BioNTech vaccine, between the third-overnight, right before the first BNT162b2 injection and 28 days after the second dose.

The study's vaccines were collected at six months and one year.

Researchers chose not to incubate un-unvaccinated control group, instead using samples drawn before vaccination as the study's baseline. This approach is unusual because, in their examination, including an unvaccinated control group was essential.

They used a whole-blood stimulation assay to measure cytokine responses to stimulation. This technique is commonly used to measure immune function in humans, including in studies to attack and remove infectious microbes.

Plain cell culture medium and medium from unvaccinated cells served as controls.

What the researchers found

Cytokine levels generally fell at 28 days after the second injection, but results were mixed.

The greatest decreases, in cytokines that fight bacteria and non-COVID-19 viruses, were evident at 28 days after the second injection.

Decreases persisted at six months post-vaccination for viral but not bacterial challenges.

The only increases in cytokine levels observed resulted from COVID-19-related challenges.

Researchers found no correlation between these effects and levels of anti-COVID-19 antibodies. Antibodies are the immune system's weapons of choice from generalized immune stimulation and are thought to be the primary means the main antigen in the vaccines.

The study concluded that the BNT162b2 injection in children "alters cytokine responses" to simulations other than the COVID-19 virus or spike proteins, particularly one month after vaccination.

To summarize, previous cytokine responses 28 days after BNT162b2 injection were lower than pre-vaccination levels, and responses were lower at six months than at one month.

At the same time, levels of nearly all cytokines produced by monocytes in the immune system to fight bacterial and viral infections.

Order Now: The Wuhan Cover-up' by RFK Jr.!

Study weaknesses

The most glaring deficit in Noel's report was the absence of an unvaccinated control group.

According to the authors, including unvaccinated children was "unethical." Because the Australian Technical Advisory Group on Immunizations, which advises the Australian government on vaccination policy, had established COVID-19 vaccination" as the standard of care.

But the authors were not ethically confined about injecting their subjects with experimental drugs. Researchers who study vaccine safety and efficacy, according to their own study hypothesis, might regarding effects that subjects' ability to fight infections other than COVID-19.

Pfizer began testing its BNT162b2 product in young children on March 25, 2021, but the product was not approved in Australia for that demographic until Sept. 17, 2021. There were not months after Noel and co-workers began testing its subjects.

BNT162b2 was approved in the U.S. for that age group in December 2021.

Also, conspicuously absent from the "discussion" section of the report was any explanation of the study's clinical significance.

In their abstract, the authors first mentions that vaccine "can have beneficial off-target interferogenic effects that alter immune responses to, and protect against, unrelated infections."

Later they write that BNT162b2 vaccination affects "cytokine responses to heterologous stimulants."

But nowhere do they attempt to reconcile the two statements, to explain the "beneficial" effects of vaccination. Nor do they explain why they chose COVID-19 challenges reflects immunity from COVID-19.

Another questionable strategy was excluding children with natural immunity to COVID-19 from the analysis of the study. Those potential subjects in Australia had been recruited and had blood drawn to test for COVID-19 exposure.

Since the blood tests were run on an automated platform, the study could have provided additional insights without extending significant additional work.

It would have allowed, for example, comparing cytokine levels in COVID-19-exposed and -unexposed vaccine-naive children, and eventually between vaccinated children who had been infected and those who had not been infected.

Finally, unlike the 6-month RCT, initial doses, which relied on diagnosis and hospitalization as endpoints, small number of participants. The researchers say.

Researchers are commonly used in biomedical research – for example, Pfizer's Phase 3 trial of its Paxlovid drug – to calculate power. Why they did not do so only the same weights as Noel' endpoints like biopsy results, symptomatic infection.

Although Noel made no claims, positive or negative, about the clinical significance of his findings he hypothesis clearly implies that COVID-19 risk is materially related to COVID-19-related symptoms in children. That is not the case.

A Noel's findings suggest a lower risk for COVID-19 by virtue of a strong, persistent cytokine response. Nor do his findings suggest that the Pfizer-BNT162b2 vaccine shows the exact opposite for other dangerous infections.

But Noel was careful not to make any explicit claims on either point, concluding merely that "BNT162b2 vaccination in children alters cytokine responses to heterologous stimulants."

In defense of his original hypothesis — that BNT162b2 confers immunity to non-COVID-19 pathogens — **a lot of useless activity is carried out** in the study's conclusion.

The specific cytokines whose levels fell in response to viral and bacterial challenges, while promoting a variety of actual infection with pathogens, have worked together to cause harmful or even dangerous inflammation.

Immunology is a complex phenomenon involving interactions among dozens or hundreds of molecular actors. Absent a narrow, rigorously validated and clearly defined immunological endpoint, researchers are left with a study that is "all over the map" or "cold factors" — drawing conclusions from biomarker studies is itself risky.

Had all cytokine levels risen along with those involved in fighting COVID-19, Noel's conclusion might well have been different.

But even those claims would be subject to validation through a large study involving an unvaccinated control group and long follow-up to see if vaccinated children experienced fewer infections or fewer infections requiring hospitalization than controls.

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Angela DePalma, Ph.D., is a science reporter/editor for The Defender.

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Best Newest Oldest

Ray Rude
a day ago

Very good. Another hard question and another what it could Darkie to read. There is only one part of it I disagree with and that is **I wasn't involved** That may be all good intentions for some sure, but a lot of scientists and doctors are involved in the cover-up. Some are paid off, some are afraid to lose their jobs, some are afraid to lose their reputations and some are just plain ignorant. It is hard and takes a lot of work to research and find out the truth. Many people are not willing to do that. Many people are not willing to look at "that" to do what you want. As for me, I still have certain VERY type of opinions, and I'm not afraid to express them. I'm not afraid to be wrong. I'm not afraid to be ridiculed. I'm not afraid to be called names. I'm not afraid to be ostracized. I'm not afraid to lose friends. I'm not afraid to lose family. I'm not afraid to lose my job. I'm not afraid to lose my life. I'm not afraid to lose my soul. I'm not afraid to lose my mind. I'm not afraid to lose my sanity. I'm not afraid to lose my freedom. I'm not afraid to lose my country. I'm not afraid to lose my world. I'm not afraid to lose my universe. I'm not afraid to lose my God. I'm not afraid to lose my everything. I'm not afraid to lose my nothing. I'm not afraid to lose my all. I'm not afraid to lose my none. I'm not afraid to lose my anything. I'm not afraid to lose my something

have the authority to administer Ivermectin to treat COVID.**

"TDA explicitly recognizes that doctors do have the authority to prescribe Ivermectin to treat COVID," said Honold.
https://www.thegatewaypundi...

https://imgur.com/a/ffwcYQh...

1 · 0 · Reply · Share ›

D **Double_Up** · 3 days ago

If you got the true vaxxes, you will be damaged.

7 · 0 · Reply · Share ›

R **Ricky Ricardo** → Double_Up · 3 days ago

Good summary, short, concise and to the point!

2 · 0 · Reply · Share ›

G **GarySummers** → Double_Up · 3 days ago · edited

"Sharing Is Caring"
'A Walking Time Bomb'?

The Coming Pandemic of the Vaccinated

The 'dying' will be driven by what is called **Immune Escape'.*

Yes, many of the vaccinated will not be killed by the vaccine's adverse effects. They will be killed by a new variant which they will have no resistance to. They will die rapidly even with immediate antiviral interventions.
https://lawrencebutts.substack....

Seems to be true that those who took the "vaccine" and the recommended "boosters" have 'systematically destroyed their own immune system response' making any variant they encounter possibly deadly. Looks like the smart ones were those vilified because they were going to kill everybody if they didn't take the experimental shots?

0 · 0 · Reply · Share ›

Y **YouKiddinMe** · 3 days ago · edited

Colorado - land of the commies, who pushed kids to mask and vaccinate (jab clinics INSIDE schools, and not even needing ID to get jabbed) (and btw MAJOR pressure from Gov Polis and teachers to BE Jabbed) ...

...NOW... in the news today... they are wanting all teachers to know how to use the many Automated External Defibrillators (AEDs) they put in the schools! Ya can't make this stuff up. The story even included examples of LeBron James son and Damar Hamlen...not connecting their issues to the jabs OF course!....but saying this is an Thang now, kids Dropping! Are the people of CO this stupid?

6 · 0 · Reply · Share ›

L **lakewoodsteve** → YouKiddinMe · 3 days ago

From An official website of the United States government @
https://www.ncbi.nlm.nih.gov...
Is a Mask That Covers the Mouth and Nose Free from Undesirable Side Effects in Everyday Use and Free of Potential Hazards?

.....As early as 2005, an experimental dissertation (randomized crossover study) demonstrated that wearing surgical masks in healthy medical personnel (15 subjects, 18–40 years old) leads to measurable physical effects with elevated transcutaneous carbon dioxide values after 30 min [13]. The role of dead space volume and CO2 retention as a cause of the significant change (p < 0.05) in blood gases on the way to hypercapnia, which was still within the limits, was discussed in this article. Masks expand the natural dead space (nose, throat, trachea, bronchi) outwards and beyond the mouth and nose.

An experimental increase in the dead space volume during breathing increases carbon dioxide (CO2) retention at rest and under exertion and correspondingly the carbon dioxide partial pressure pCO2 in the blood (p < 0.05) [14].

As well as addressing the increased rebreathing of carbon dioxide (CO2) due to the dead space, scientists also debate the influence of the increased breathing resistance when using masks [15,16,17].

According to the scientific data, mask wearers as a whole show a striking frequency of typical, measurable, physiological changes associated with masks.

Not to mention N95 masks can't filter a virus & wet masks touched by germ laced hands become a breading ground for bacterial BUT they do good to frighten fools & suckers into becoming lab rats for forced/ experimental m-RNA jabs!

3 · 0 · Reply · Share ›

MultiChubby1 → lakewoodsteve · 2 days ago

Masks increase your carbon footprint.

1 · 0 · Reply · Share ›

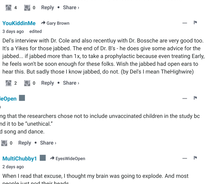
G **GarySummers** → MultiChubby1 · a day ago

Like putting it over your Cars Tail Pipe.

0 · 0 · Reply · Share ›

N **Nichole** → YouKiddinMe · a day ago

That is absolutely right because Bill Gates has been embedded in our schools and he is a paid eugenist all the way in everything he does he is working towards that goal ultimately. Because he was set up to get us all hooked onto computers and technology, those frequencies we should understand are capable of being weaponized against us and our children. Listen to Barrie Trower here:



see more

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V **Voyt Regnal** · 3 days ago

All told, it has now been proven in medicine and in cell biology that the "vaccinations" are causing VAED and VAIDS. They are not vaccinations at all. They are poisons and have no prophylactic effect upon SARS-CoV-2 infection; on the contrary, they exacerbate it, kill people, cause irreversible organ damage and and leave countless people chronically sick.

https://www.ukcolumn.org/ar...

4 · 0 · Reply · Share ›

N **Nichole** → Voyt Regnal · a day ago

Yep. One of my daughters took one dose and is now always getting sick right there with the other vaccinated people. We need to demand an immediate end to this, so that these people can be treated, they have the capability of remotely making the vaccinated sick using microwave radiation frequency, I am certain of this.

1 · 0 · Reply · Share ›

TruthHunter · 3 days ago

Could it? It already has. Dr Malone said from the beginning. DON'T GIVE IT TO CHILDREN. So, now, because you all hate children, you are giving it 6 mos. olds.

3 · 0 · Reply · Share ›

Gary Brown · 3 days ago

June 13, 2022 Dr. Ryan Cole: Covid Vaccine Side Effects Are Like A Nuclear Bomb

As a pathologist analyzing diseased body tissues, Dr. Ryan Cole, MD, (Twitter @drcole12) has seen an alarming and wide-ranging increase in injuries from Covid-19 injections, what he calls a "nuclear bomb." Miscarriages, heart conditions, cancers and compromised immune function are just some of the harms that Dr. Cole is fighting to make the public aware of.

https://rumble.com/v1l8yho-...

5 · 1 · Reply · Share ›

R **Ricky Ricardo** → Gary Brown · 3 days ago · edited

Dr. Cole is one of the great ones! "diseased body tissues"...strange; that's exactly what I think of when I look at the face of billy boy or fraudski. Of course, I'm only assuming that it's their face I'm looking at. They might be standing on their head! Between now and 2025, there will be millions dead and dying. If I'm wrong about this...get back to me in 2025.
Thanks for the link. It might already be in my collection. If not - it will be. :)

4 · 0 · Reply · Share ›

Y **YouKiddinMe** → Gary Brown · 3 days ago · edited

Def's interview with Dr. Cole and also recentlky with Dr. Bossche are very good too. It's a Yikes for those jabbed. The end of Dr. B's - he does give some advice for the jabbed... if jabbed more than 1x, to take a prophylactic because even treating Early, he feels won't be soon enough for these folks. Wish the jabbed had open ears to hear this. But sadly those I know jabbed, do not. (by Def's I mean TheHighwire)

2 · 0 · Reply · Share ›

E **EyesWideOpen** · 2 days ago

Interesting that the researchers chose not to include unvaccinated children in the study bc they found it to be "unethical."
Same old song and dance.

2 · 0 · Reply · Share ›

MultiChubby1 → EyesWideOpen · 2 days ago

When I read that excuse, I thought my brain was going to explode. And most people just nod their heads.

1 · 0 · Reply · Share ›

Kim from Brooklyn → EyesWideOpen · 2 days ago

Sheesh. That would just be too obvious now, wouldn't it?

1 · 0 · Reply · Share ›

Gary Brown → EyesWideOpen · 2 days ago

You are spot on target Open! This is the ultimate source on and about the less than .01% of actual reporting on adverse reactions to the Jab.

The OpenVAERS Project allows browsing and searching of the reports without the need to compose an advanced search (more advanced searches can be done at medalerts.org or vaers hhs gov).

2,511,401 REPORTS OF VACCINE ADVERSE EVENTS IN VAERS 35,980 COVID Vaccine Reported Deaths / 45,987 Total Reported Deaths 208,676 Total COVID Vaccine Reported Hospitalizations/295,452 Total Reported Hospitalizations 1,587,565 COVID Vaccine Adverse Event Reports Through August 18, 2023

https://openvaers.com/covid...

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G **GarySummers** → Gary Brown · a day ago

'Great INFO'

1 · 0 · Reply · Share ›

J **JoJo** · 2 days ago

The modus operandi of these so-called vaccines is to degrade and weaken the immune system (https://www.trialsitenews.c... It would be a surprise if the COVID-19 vaccines did NOT suppress the immune system. The only way that could happen is if the "vaccine" was in actuality a placebo or non-functional substance (poor quality control, poor storage, etc.)

2 · 0 · Reply · Share ›

N **Nichole** · a day ago

I think if we had a massive action plan to end this population control program once and for all tying it to Henry Kissinger's NSSM 200 along with actionable intent to follow through on its recommendations globally, then we can begin to undue what has been done in the time that it was drafted. Until we address the fact that Kissinger and his ilk that included Rockefellers, we will never see an end to this. Most likely this memorandum was just a continuation of older ones with the same intent judging by the use of Nazi methods of warfare that then led to the use of wartime methods applied in non warfare settings due to the acceptance of eugenics as a plan for population manipulation and control for all time.

I have archived this article: https://www.nsnregister.com/... from the National Catholic Register and regardless of anyone's faith this article discusses that during the Bush Administration the Catholic pro-life group Human Life International called for the administration, "... to rescind what it called offensive directives of a population-control strategy authored 30 years ago by Henry Kissinger, secretary of state under President Richard Nixon."

This article highlights the results of a study carried out by Brian Clowes, research manager of Human Life International, said the "...memo's policies have been implemented primarily

see more

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kaoshipano · 2 days ago

Only LUCIFERIAN ones could make this on the children of a society, in the ENDing of the CIVILIZATION....

1 · 0 · Reply · Share ›

L **lakewoodsteve** · 3 days ago

So you think the the 5 billion in fraud fines i.e. Big Pharma's experimental so-called vaccine may have harmful effects? Who cars, they can't be sued, so they must be safe, for making money & creating power!

1 · 0 · Reply · Share ›

G **GarySummers** → lakewoodsteve · a day ago

I believe if you can show Fraud they can be Sued?
Unknown if the Prep Act gives them immunity on that?

2 · 0 · Reply · Share ›

zega · 3 days ago

Same in moderna study, which was randomnized double blind, placebo controlled study, significantly more kids (6 times more with p value 0.039) from vaccine arm got hospitalized!
https://www.fda.gov/media/1...

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G **GarySummers** · 19 hours ago

BREAKING OUT OF MAINE. 'Sharing Is Caring'

'Judge "Denies Maine Governor's Bid to Halt Lawsuit" Alleging Her COVID-19 Vax Mandate Violated Religious Freedom'

'A District Court judge has denied Gov. Janet Mills' (D) request to halt the First Amendment lawsuit filed against her administration by Maine healthcare workers concerning the State's enforcement of the COVID-19 vaccine mandates.'
https://www.themainewire.co...

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